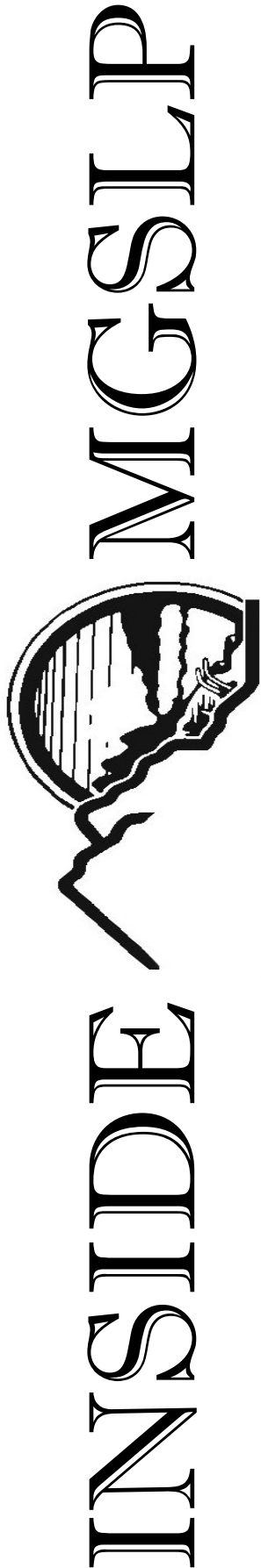


Director's Report



Hello! My name is Bruce Marks and I am the new director of the Montana Guaranteed Student Loan Program. I have the privilege of following Arlene Hannawalt – who has been an outstanding individual and dynamic leader for the past 16 or so years. Although Arlene is retiring as Director, she plans to stay active by co-chairing the new Montana Pathways to College Scholarship Program.

I come to Montana from Oregon – where I served as the Deputy Director of the Oregon Student Assistance Commission (OSAC). OSAC employs roughly 90 people and administers a variety of services.

Besides guaranteeing student loans, it administers the State's need based aid program, the Oregon Opportunity Grant. Each year, OSAC delivers almost 20 million dollars to the State's lowest-income students. In addition, OSAC coordinates some 300 private scholarship programs. Last year, in excess of ten million dollars was disbursed to students on behalf of various donors.

I believe that my primary role as the new Director will be to ensure that Montana students have access to post secondary education. Neither Montana nor Oregon has a sales tax. As a result, both states are very dependent upon income and property taxes. This makes Montana (and Oregon) particularly susceptible to economic downturns. There is only one proven way to reasonably ensure employability: education. It is my primary goal as Director to do everything within my power to help Montanans obtain an education.

One reason MGSLP is such an attractive place to work is the groundwork that has already been laid to prepare junior and senior high school students for a post secondary education. Programs such as GEAR UP are outstanding vehicles to both educate and prepare our youth for the realities of college. You can expect me to continue, and possibly expand, our outreach efforts in the areas of college preparation, paying for college, and borrowing wisely.

Another personal goal I've established for myself is to hit the road during the summer months and meet as many of you as possible! One of the reasons I love the financial aid world is the wonderful people working in it. I will truly enjoy visiting the various campuses and getting to know all of you. During my visits, I hope to have informal discussions about those things you like about MGSLP and what you want us to continue doing. I also want to hear what could be done better.

Are there additional services you'd like us to offer?

Are there things we can be doing to make your lives easier? From my viewpoint, MGSLP does a lot of things really well, but there's always room for improvement. I'd like to hear from you any thoughts or ideas you might have.

In Oregon, its biannual legislative session is still in full swing. To Montana's credit, the legislature is done and we have a balanced budget. During my recent visits to Helena, I read numerous articles about the methods the legislature used to balance the budget. Some folks believe that the real 'hurt' will be felt in the 2005-2007 biennium. Regardless of how we each feel, the bottom line is that money is tight and resources for post-secondary education will be scarce in the years to come. For those of us in the financial aid world, it's probably a shared vision that no student would ever be forced to borrow money in order to attend school. The reality is that students must indeed borrow, and the outlook for the immediate future is likely to include borrowing at increased levels. If you believe this statement to be true, it's another convincing argument to take advantage of the various products and services offered by MGSLP. Interest rates are at record lows. For those students who must borrow, the timing couldn't be better.

In closing, I'd like to point out a few of the requirements I had before I was willing to accept the director's position. First, I was only willing to work at a guarantor with a commitment to outstanding service. As Director, you can continue to expect from me the same high service that you've come to appreciate from MGSLP. Second, I wanted to be part of a strong team. I'm both proud and excited to be joining the wonderful group of people at MGSLP. And finally, the quality of life had to meet or exceed that of Oregon. With Montana and MGSLP, all of my requirements have readily been met!

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NSLDS: Revised Calculation For Direct Loan PLUS Denials

A provision of both the FFEL and Direct Loan programs is that a dependent undergraduate student can receive additional unsubsidized loans when the student's parent(s) is denied from borrowing a PLUS loan due to adverse credit. The additional loan amounts a student may receive vary according to grade level.

The Common Origination and Disbursement (COD) record determines if an unsubsidized Direct Loan for a dependent student is the result of a denial of a PLUS loan. The information is passed to the Direct Loan Servicer, which passes the information on to NSLDS to use in monitoring aggregate limits. In the past when a student had a Direct PLUS Loan denial indicator, NSLDS monitored against the \$46,000 combined subsidized/unsubsidized loan limit rather than the standard \$23,000 limit for dependent students. The use of the higher limit had the unintended impact of allowing some dependent borrowers to exceed aggregate limits beyond the adjustment that should be made only for the "additional unsubsidized" funds.

To ensure compliance, starting with the 2003-2004 award year, NSLDS changed the calculation used when monitoring aggregate loan limits due to a Direct Loan PLUS denial. NSLDS will now monitor all dependent students based on the \$23,000 combined subsidized/unsubsidized limit, but will exclude any amount of an unsubsidized loan

attributed to a Direct Loan PLUS denial. As a result of this more precise evaluation, some students who previously had not been flagged with a potential aggregate problem based on the \$46,000 limit may now be flagged for exceeding the \$23,000 adjusted limit.



The formulas used to calculate the amount of an unsubsidized loan that will be excluded because of a Direct Loan PLUS denial are:

- ☐ For first year students, if the total subsidized and unsubsidized loans for the award year are more than \$2625, the amount in excess of \$2625 is excluded.
- ☐ For second year students, if the total subsidized and unsubsidized loans for the award year are more than \$3500, the amount in excess of \$3500 is excluded.
- ☐ For third year and beyond students, if the total subsidized and unsubsidized loans for the award year are more than \$5500, the amount in excess of \$5500 is excluded.

At the current time, information on FFEL PLUS denials is not available to NSLDS. As a result, it is not possible to perform the same calculation for FFEL loans on NSLDS. However, schools may apply the same formulas if they have documentation to show the student received additional unsubsidized loan amounts due to a PLUS denial.

"NSLDS will now monitor all dependent students based on the \$23,000 combined subsidized/unsubsidized limit, but will exclude any amount of an unsubsidized loan attributed to a Direct Loan PLUS denial."



Updated and Redesigned Common Manual To Be Distributed

The 2003 version of the *Common Manual: Unified Student Loan Policy*, has been updated to reflect federal regulations and guarantor policies in effect as of July 1, 2003. This year's manual is being distributed as a CD-ROM to all participating Montana schools and lenders. The 2003 version of the *Common Manual* has undergone significant changes in order to make the manual more user friendly. The most noticeable change is that the manual's four core chapters (5 through 8) have been divided into shorter segments. The core chapters have been restructured as follows:

- Chapter 5, "Borrower Eligibility and Loan Certification" is now two smaller chapters ("Borrower Eligibility" and "School Certification")
- Chapter 6, "Guarantee, Disbursement and Delivery" is now two smaller chapters ("Loan Origination" and "Loan Delivery")
- Chapter 7, "Loan Servicing" is now two smaller chapters ("Loan Servicing" and "Deferment and Forbearance")

- Chapter 8 and CCI8, "Delinquency, Default and Claims" were restructured into three smaller chapters that focus on specific phases of due diligence, claim and discharge processing and post-claim cure activities ("Due Diligence in Collecting Loans", "Claim Filing, Discharge and Forgiveness" and "Violations, Penalties and Cures")

In addition to the *Common Manual*, the CD-ROM includes the Federal Student Financial Aid Handbook, the Higher Education Act of 1965, as amended, the NCHELP Integrated Regulations parts 600, 668 and 682, the NCHELP Topical Index of the HEA and Regulations as well as Dear Colleague/Partner letters, providing program participants with a one-stop location for all regulatory and policy research issues.

Anyone wishing to receive a paper version of the manual or additional CD-ROMs can contact Ron Muffick at 406-444-0369.

Consolidation Loans and NSLDS

It seems each new processing year brings a new problem to the surface, and this year has proven to be no different. Due to the low interest rates, Consolidation loans are more prevalent than ever, and this has brought up new discrepancies involving Consolidation loans and NSLDS. Due to a recent implementation to the NSLDS process, the system calculates Consolidation loan amounts to the Sub and Unsub Aggregate Totals of a student. These totals are often misleading and inaccurate, leading to frustration among our schools in determining a student's loan eligibility. Consolidation loans can often include interest, and/or collections costs, and the Consolidation loan amount does not always accurately reflect the actual *borrowed* amount of the student. This has led to an increased number of calls by schools to the Department as well as to guarantors, not to mention a rise in frustration at the school level.

The Client Services Unit at MGSLP has been actively working with our schools to assist them in accurately determining the student's loan eligibility, and will continue to do so throughout this processing season. Schools should be advised that they might use additional forms of documentation other than NSLDS to determine the student's eligibility, such as that provided by MGSLP.

A letter from the NCHELP community has been issued to the Department urging them to rethink the new program that calculates these amounts. A resolution to this problem is hopefully forthcoming.

Should any school need assistance determining a student's eligibility, please contact Donna Waters or Kris Stockton at MGSLP at 1-800-537-7508.

FEDERAL FAMILY EDUCATION LOAN PROGRAM INTEREST RATES	Rate in effect July 1, 2003—June 30, 2004	Rate in effect July 1, 2002—June 30, 2003
Federal Stafford loans disbursed on or after 7/1/98 whose borrowers are (1) in school, (2) in the post-school grace period, or (3) in an authorized period of deferment.	2.82%	3.46%
Federal Stafford loans disbursed on or after 7/1/98 whose borrowers are in repayment (except during periods of deferment).	3.42%	4.06%
Federal Stafford loans disbursed 7/1/95 through 6/30/98 whose borrowers are (1) in school, (2) in the post-school grace period, or (3) in an authorized period of deferment.	3.62%	4.26%
Federal Stafford loans disbursed 7/1/95 through 6/30/98 whose borrowers are in repayment (except during periods of deferment).	4.22%	4.86%
All Federal Stafford loans disbursed 7/1/94 through 6/30/95.	4.22%	4.86%
Federal Stafford loans disbursed 10/1/92 through 6/30/94 to new borrowers.	4.22%	4.86%
Federal Stafford loans disbursed 7/23/92 through 6/30/94 to borrowers with existing fixed-rate FFELP loans.	4.22%	4.86%
Federal Stafford loans disbursed before 7/23/92 at 8/10% and Federal Stafford loans disbursed on or after 7/23/92 to new borrowers at 8/10%. The fixed 8/10% rate converts to a variable rate following the 48th month of repayment.	4.37%	5.01%
Federal PLUS loans disbursed on or after 7/1/98.	4.22%	4.86%
Federal PLUS loans disbursed 7/1/94 through 6/30/98.	4.05%	5.23%
Federal PLUS/Federal SLS loans disbursed 10/1/92 through 6/30/94.	4.05%	5.23%
Federal PLUS/Federal SLS loans disbursed 7/1/87 through 9/30/92.	4.20%	5.38%
Federal Consolidation loans for which the application was received by the lender on or after 10/1/98.	Fixed rate varies from borrower to borrower.	
Federal Consolidation loans for which the application was received by the lender on or after 11/13/97 through 9/30/98.	4.22%	4.86%
HEAL portion of Federal Consolidation loan for which the application was received by the lender on or after 11/13/97.	4.06%	4.75%

Stafford Loans – based on the bond equivalent rate of 91-day Treasury Bills auctioned at the final auction held before June 1st of each year. The bond equivalent rate for 91-day Treasury Bills auctioned on May 28, 2003 is 1.12 percent.

PLUS/SLS Loans – based on either the bond equivalent rate of 91-day Treasury Bills auctioned at the final auction held before June 1st of each year, or the weekly average of the one-year constant maturity Treasury yield as published for the last calendar week ending on or before June 26th of each year. The bond equivalent rate for 91-day Treasury Bills auctioned on May 28, 2003 is 1.12 percent. The weekly average of the one-year constant maturity Treasury yield for the last calendar week ending on or before June 26th is .95 percent.

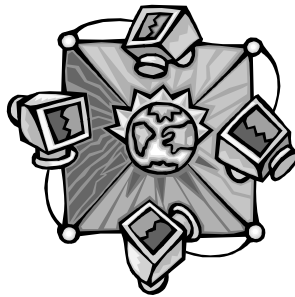
Consolidation Loans – for which the loan application was received by an eligible lender on or after 11/13/97 but before 10/1/98 are based on the bond equivalent rate of 91-day Treasury Bills auctioned at the final auction held before June 1st of each year, or 1.12 percent. For the HEAL portion of the consolidation loans for which the application was received by an eligible lender on or after 11/13/97, the rate is based on the average of the bond equivalent rates of the 91-day Treasury Bills auctioned for the quarter ending June 30th of each year, or 1.06 percent.

MGSLP Becomes Meteor Data Provider

The Montana Guaranteed Student Loan Program (MGSLP), a founding sponsor of the Meteor™ Network, is pleased to announce its participation as a Meteor Data Provider. MGSLP successfully completed all components of testing and is now one of a growing list of guaranty agencies that provide real-time student loan data to the Meteor Network.

Meteor, the result of an industry wide collaboration to provide real-time loan information to financial aid professionals and borrowers, was released after months of development and testing. Coordinated by the National Council of Higher Education Loan Programs (NCHELP) and sponsored by the leading FFELP partners, the Meteor Network provides aggregate financial aid information supplied by multiple agencies.

Meteor participants can serve as an Access Provider or Data Provider. MGSLP will be implementing the Access Provider functionality for Montana's schools this summer.



Meteor is a collaborative effort within the student aid industry to simplify and consolidate access to student financial aid information. Sponsored by forty industry participants, and coordinated by the National Council of Higher Education Loan Programs, Meteor's free software provides open, non-proprietary, real time access to all available aid information for a student, and consolidates it for display to students and

Financial Aid Professionals. For additional information visit www.nchelp.org/Meteor.htm or contact Tim Cameron at (202) 822-2106.

Statewide Over \$1 Million In Scholarships Awarded



On Monday, May 5th, the Montana Guaranteed Student Loan Program hosted a reception for the 2002-2003 recipients of the High School Honor Scholarship. Sixty-seven high school seniors attended the reception held in Helena, with each student personally congratulated by Lieutenant Governor Karl Ohs and Interim Commissioner of Higher Education Carrol Krause. A total of 474 scholarships were awarded to students from over 180 Montana communities.

The Office of the Commissioner of Higher Education and the Montana Guaranteed Student Loan Program are pleased to recognize these students who graduated in the top percentages of their classes with a 3.0 or higher GPA. Each scholarship is worth approximately \$2,600 and covers the freshman year tuition at any of the Montana University System schools and the three state community colleges.



2003 High School Honor Scholarship Reception

The 2002-2003 Middle School Financial Aid Presentations were a Success!

Tina Wagner, Outreach Coordinator, had a busy fall visiting 22 participating GEAR UP schools, as well as 8 additional schools that do not participate in the GEAR UP program. Tina presented financial aid information to over 2,600 students in grades 5-8. The schools did a fabulous job of setting up the presentations. Many parents attended the presentations as well.

Tina created "The First Year of College" game this year. This game is a fun and interactive way to introduce middle school students to college costs and financial aid. The class follows a freshman student through his/her first year of college, finding out what makes up the total cost for one year, and how they are going to pay for it. This game was created to provide support for the statement "Anyone can go to college; money should not be a factor." The game also helps to make students familiar with new words such as tuition, grants, fee waivers, etc.

The First Year of College game was presented at each school. The game was interactive and had the students excited. Tina talked with the students about how much it costs to attend a Montana school for one year. She also discussed savings, GEAR UP scholarships, financial aid, unexpected and being prepared for events. After the presentations she gave each student a middle school packet with more information on college and including information on famous college graduates, college vocabulary, and a fun word search. These packets were designed to introduce middle school students to financial aid information as well as to help build on what the students learned during the presentations. The students were wonderful to work with and asked great questions. Tina had very positive responses back from the students and teachers.



Through these presentations, the Montana Guaranteed Student Loan Program hopes to increase students' and parents' awareness of financial planning for college, that college is possible, the cost of going to college in Montana, the resources available to them, and that students need to be properly prepared academically to succeed in college. We feel we are succeeding in our efforts, and will continue to build the students' and parents' knowledge throughout the journey through middle school and high school. Tina looks forward to visiting the schools again beginning in the fall.

"The students were wonderful to work with and asked great questions."

Student Comments

"I learned that if your parents don't make a lot of money you can still go to college." 7th grade

"I liked how the teacher got us involved in the activity." 8th grade

"It inspired me to try hard for good grades and attend for clubs and sports and get jobs and savings." 7th grade

"The game, it was cool to learn how much it costs to go to college." 8th grade

"She made me believe that you can make it to a good college by telling her life story and other things." 7th grade

"I liked the envelope game." 6th grade

Teacher Comments

"Tina's story of her own life impressed me deeply; what she shared is so relevant to our students. The whole presentation was excellent. Her manner puts students at ease and engages them." -Ronan, 8th grade Instructor

"Very interactive-worked really well to get students involved. Very creative presentation. Really appreciated "personal" story-the students were drawn in and could relate to experience." -Browning, GEAR UP 7-8

"I like the use of envelopes to make it game-like. Also, your personal story should have shown some of our students from rougher backgrounds that it is possible to go to school." -Shelby, Title I tutor, 7-8

Taking the Confusion Out of the Financial Aid Process



A freshman at Kalispell Junior High said it best "...financial aid is just very confusing."

This past year one of the goals for the high school presentations was to take the confusion out of the financial aid process. Nearly 2,000 students in grades 9-12 at 21 GEAR UP schools and five additional high schools participated in the presentations. Students walked through a timeline on how to prepare for college and the financial aid process at each phase of their high school careers. The confusing process of financial aid was also broken down into easy steps and presented using the "Skating Through the Financial Aid Maze" brochure.

The presentations covered a wide array of financial aid information. Topics included the Free Application for Federal Student Aid (FAFSA) form, grants, student loans, work-study and fee waivers. We also included scholarship tips: where to find them, scholarship examples, how to write a successful essay, application tips, and how community and school involvement helps students win scholarships. In addition, the Montana Career Guide booklet, Montana Career Information System, and tips for developing a four-year high school plan to prepare for college were also presented. The high school presentations received very positive feedback from both students and teachers across the state.

"The high school presentations received very positive feedback from both students and teachers across the state."



Remember, it's never too early to begin preparing for college. For more information on the First Year of College game or for the middle school packets, contact Tina Wagner, Outreach Coordinator, at (406) 444-0350 or by email at twagner@mgslp.state.mt.us. For more information on high school financial aid materials contact, Libby Siebens, Outreach Coordinator, at (406) 444-0135 or by email at lsiebens@mgslp.state.mt.us.

Student Comments

"I learned how loans work. Not to take out more than you need!"
– Browning, 9th grade

"Good job Libby! You were a really good teacher." – St. Ignatius, 9th grade

"The lady gave a lot of information that I really understood."
– Heart Butte, 9th grade

"You did a good job, since financial aid is just very confusing."
– Kalispell, 9th grade

"It was a great presentation. I'm going to keep all of it. I actually learned a lot today. It makes college less scary."
– Terry, 10th grade

Teacher Comments

"I like the presentation for its ability to show that college is possible for all students. They need to hear this from sources other than at our school."
– Winnett, GU liaison

"She did several presentations here and they were very thorough. She has a great packet put together and really explains what students need to get together starting their freshman year. She uses herself as an example. She also explains the Indian Fee Waiver and gives students a planner."
– Ronan, Indian Education committee chair

"Good discussion on student loans and scholarship availability."
– St. Ignatius, HS teacher

"Great presentation. It covered much that the students did not know, and many people assume that they do know."
– Wolf Point, HS teacher

MGSLP Awards \$39,500 in College Savings Accounts

As a key partner in the GEAR UP Program, MGSLP sponsors an essay contest for middle and high school students. This year 26 schools submitted almost 1,900 essays. For academic year 2002-2003, MGSLP is excited to announce 158 first place awards valued at \$250 each, representing a total of \$39,500. In the four year history of the contest MGSLP has awarded a total of \$105,500 to GEAR UP students living across the state of Montana. The money awarded goes into a Montana Family Education Savings Program account established for each student to help them achieve their higher education goals.



Libby Siebens and Raymond Matt, Charlo School

MGSLP is proud of the students' essays. They wrote wonderful and insightful essays. In addition, the essay readers were please to see how much the students have improved in their spelling, punctuation, and grammar as they have moved up through school.



Tina Wagner and Michelle Dalke, Charlo School

The students who wrote the winning essays each received a \$250 college savings account that can be used at any accredited college in the United States. The savings accounts will be held for 5 years after the student's high school graduation date and the student will receive all interest earnings that accrue until the scholarship is used. Each student also received a gold "1st place" medal.

This year MGSLP continued the honorable mention award they started last year. A participation certificate and a silver "Honorable Mention" medal was awarded to 228 students.

Staff from MGSLP and the GEAR UP office presented the awards during the months of April, May, and June. They visited 21 of the schools to present the awards to the students during awards ceremonies, graduations, special assemblies, and awards banquets. It was fun to see the excitement by the students who won.

MGSLP is looking forward to next year's essay contest and wants to wish the students continued success in years to come!



Brady School winners

Participating students wrote essays on the following topics:

Middle School Students

- John F. Kennedy stated in his inaugural address as President that you should *"ask not what your country can do for you, but what you can do for your country."* Write an essay about things you can do for your community, such as being a volunteer at your church or school or helping out a neighbor; or ways you can make a difference in your community.
- Shaquille O'Neill said, *"I promised my parents I'd do it; I promised myself I'd do it. It took 8 years. A diploma puts a stamp on me as an educated man."* Write an essay discussing why you feel an education is important and what your responsibilities are to make the most of your education, who influences you

to remain in school and how an education can (or can't) help you achieve your goals and dreams.

- A foreign exchange student is attending your school for a year. You want to make the student feel comfortable in your culture. Please describe at least three (3) elements of your history/culture that you feel are important and why they are important. Describe how you could help the exchange student feel comfortable learning about those elements of your culture and sharing elements of his/her culture.

High School Students

- Many Montana students go out of state to college. You are trying to make up your mind

continued next page...

Participating Students...continued from page 8

between a local college where you can come home occasionally and a similar college that is located out of state that is noted for its athletic programs.

Assuming that each college offers high quality programs and a major in your field of interest, write an essay discussing how you would decide which college to attend.

- John F. Kennedy stated in his inaugural address as President that you should “ask not what your country can do for you, but what you can do for your country.” Based on the above quote, think about the qualifications needed to volunteer for community service in your school, tribe, church or community. What qualities do you have, such as being on time, being responsible, or having a good attitude, that would help you qualify as a volunteer. Think about the kinds of problems that community groups can solve. An example might be knowing how to read well and volunteering to tutor a child who has reading

problems, or being good at artwork and helping your school decorate for special events.

- Shaquille O’Neill said, “*I promised my parents I’d do it; I promised myself I’d do it. It took 8 years. A diploma puts a stamp on me as an educated man.*” Write an essay discussing why you feel an education is important and what your responsibilities are to make the most of your education, who influences you to remain in school and how an education can (or can’t) help you achieve your goals and dreams.

- A foreign exchange student is attending your school for a year. You want to make the student feel comfortable in your culture. Please describe at least three (3) elements of your history/culture that you feel are important and why they are important. Describe how you could help the exchange student feel comfortable learning about those elements of your culture and sharing elements of his/her culture.

PERSONNEL UPDATES

Farewell Arlene

The agency experienced a major personnel shift this past quarter with the retirement of our director, **Arlene Hannawalt**. Arlene was a long time employee of the agency. She came to work for MGSLP back in November of 1986, when it employed only four staff members... today MGSLP has grown to over 50 employees. We had a fun time wishing Arlene the best on June 5th with a farewell Mexican fiesta. She will be missed by the agency...and especially by me, as I had the opportunity to work as her assistant.



Arlene is presented with a special quilt on behalf of the agency, which includes pictures of all the MGSLP staff.



Jose' (AKA Donna Waters) and Belinda Lund provide entertainment as they show Arlene just how to make a “mucho delicioso taco!”



Husband, Gary, looks on as Arlene admires her Becky Eiker sculpture... presented to her on behalf of the agency and various other contributors.

Welcome Bruce

MGSLP is pleased to welcome our new director, **Bruce Marks**! A number of our staff members had an opportunity to meet with Bruce back in May, when he visited the agency, myself included. Bruce shares our agency’s values and took a sincere interest in learning about the staff and how each of our units functions within the agency. We are all anxious to work with him and know he will be a great leader!

Welcome aboard Bruce!



Bruce Marks

BRAIN TEASER

1. I am eight letters long – “12345678.” My 1234 is an atmospheric condition. My 3456 supports a plant. My 4567 is *to appropriate*. My 678 is a name. What word am I?
2. If you were to put a coin into an empty bottle and then insert a cork into the neck, how could you remove the coin without taking out the cork or breaking the bottle?
3. What is at the beginning of eternity, the end of time, the beginning of every end, and the end of every place?
4. A snail is at the bottom of a well 30 feet deep. It crawls up 3 feet each day, but at night, it slips down 2 feet. How long does it take for the snail to crawl out of the well?
5. You have two hourglasses – a 4-minute glass and a 7-minute glass. You want to measure 9 minutes. How do you do it?
6. An electric train is traveling southwest at 95 miles per hour, and the wind is blowing northeast at 95 miles per hour. In which direction does the smoke blow?
7. A steady stream of people enter Mike’s place of business and remove its treasured belongings. The people do not pay for what they take. Mike allows them to take as much as they can carry as long as they keep their mouths shut. What are the people taking and which type of business employs Mike?
8. How many times can you subtract the number 5 from 25?
9. Use the digits 1,2,3,4,5 and 6 once only, in this multiplication sum to make it correct.

$$\begin{array}{r} ? ? \\ \times ? \\ \hline ??? \end{array}$$


10. You throw away the outside and cook the inside. Then you eat the outside and throw away the inside. What did you eat?
11. How would you rearrange the letters in the words “new door” to make one word? NOTE: There is only one correct answer.
12. A boy buys 10 trees at a local nursery. How does he plant these 10 trees in 5 rows with 4 in each row?

1. mistaken 2. Simply push the cork into the bottle and shake the coin out. 3. The letter “e” 4. 28 days. Once it reaches the top, it does not slip down 2 feet 5. Start both hourglasses. When the 4-minute glass runs out, turn it over (4 minutes elapsed). When the 7-minute glass runs out, turn it over (7 minutes elapsed). When the 4-minute glass runs out this time (8 minutes elapsed), the 7-minute glass has been running for 1 minute. Turn it over again. When it stops, 9 minutes have elapsed. 6. There is no smoke. It is an electric train. 7. The people are taking books and Mike works for a Library. 8. Once. After the first calculation, you will be subtracting 5 from 20, then from 15, and so on. 9. $54 \times 3 = 162$ 10. An ear of corn 11. One Word 12. Draw a 5-pointed star. Plant one tree at each point and one tree where each of the sides intersect.

Answers to Brain Teaser

We're on the Web!
www.mgslp.state.mt.us

*The Montana Guaranteed
Student Loan Program provides
financial access to students
pursuing postsecondary
educational goals.*



Newsletter Staff

Mary Taylor.....Editor & Layout

Contributors

Bruce Marks, Patty Davis, Sally Speer,
Karen Wing, Libby Siebens, Mary Taylor,
Tina Wagner, Sandy Bauman, Donna Waters,
Kris Stockton, Ron Muffick

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Helena, MT 59601
Bruce Marks, Director

MONTANA GUARANTEED STUDENT LOAN PROGRAM
PO BOX 203101
HELENA, MT 59620-3101

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